



```

chain nodes :
  1  2  3  4  5  6  7  8 15 16 28
ring nodes :
  9 10 11 12 13 14 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34
chain bonds :
  1-2 1-3 3-4 3-5 5-6 5-7 7-8 8-9 8-15 15-16 15-17 21-22 24-28 28-29
ring bonds :
  9-10 9-14 10-11 11-12 12-13 13-14 17-18 17-21 18-19 19-20 20-21 22-23 22-27 23-24
  24-25 25-26 26-27 29-30 29-34 30-31 31-32 32-33 33-34
exact/norm bonds :
  1-2 1-3 3-4 3-5 5-6 5-7 7-8 8-9 8-15 9-10 9-14 10-11 11-12 12-13 13-14 15-16
  15-17 17-18 17-21 18-19 19-20 20-21 21-22 24-28 28-29
normalized bonds :
  22-23 22-27 23-24 24-25 25-26 26-27 29-30 29-34 30-31 31-32 32-33 33-34
  
```

```

Match level :
  1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom 20:Atom
 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:CLASS 29:Atom 30:Atom
 31:Atom 32:Atom 33:Atom 34:Atom
  
```